

**Flood Control Project Maintenance
Levee Inspections**

2013 Channel Summary Report

Overall Unit and Item Ratings

DWR Sutter Maintenance Yard

Big Chico Creek

Overall Unit Rating	Rated Item	Item Rating
A	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments & Other Structural Appurtenances	A
	Encroachments	A

Lindo Channel & Sandy Gulch

Overall Unit Rating	Rated Item	Item Rating
A	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments & Other Structural Appurtenances	A
	Encroachments	A

Little Chico Creek

Overall Unit Rating	Rated Item	Item Rating
A	Vegetation & Obstructions	M
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments & Other Structural Appurtenances	A
	Encroachments	A

Flood Control Project Maintenance**Unit Cover Sheet****2013 Channel Inspection Results****DWR Sutter Maintenance Yard**

Channel
Big Chico Creek

Channel Rating	A
Date of Inspection	07/30/2013 - 07/31/2013
DWR Inspector	Matthew Hoffman
Accompanied By	

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2013

DWR Sutter Maintenance Yard

Channel					Channel Length	Inspection Start/End	Inspector
Big Chico Creek					13.00	07/30/2013 07/31/2013	Matthew Hoffman

LMR No.	Check Point	View	Item	Location *	Rating **	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
1	Big Chico Creek Control Structure	Up	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions and vegetation. The flow is not impeded.	39.761840 ° -121.792590 °	Y	1
2		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.761840 ° -121.792590 °		2
3		Up	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	39.761840 ° -121.792590 °		3
4		Up	Revetments		A	Inspector Comments: Riprap is visible and appears properly maintained.	39.761840 ° -121.792590 °		4
5		Up	Encroachments		A	Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.761840 ° -121.792590 °		5
6		Down	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions and vegetation. The flow is not impeded.	39.761840 ° -121.792590 °	Y	6
7		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.761840 ° -121.792590 °		7
8		Down	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	39.761840 ° -121.792590 °		8
9		Down	Revetments		A	Inspector Comments: Riprap is visible and appears properly maintained.	39.761840 ° -121.792590 °		9
10		Down	Encroachments		A	Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.761840 ° -121.792590 °		10
11	Manzanita Ave.	Up	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions and vegetation. The flow is not impeded.	39.758260 ° -121.795380 °	Y	11
12		Up	Shoaling / Sedimentation		A	Inspector Comments: Shoaling or sedimentation was observed. Does not seem to impede flow.	39.758260 ° -121.795380 °		12
13		Up	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	39.758260 ° -121.795380 °		13

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected, see Inspector Comment
C : Corrected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2013

DWR Sutter Maintenance Yard

Channel					Channel Length	Inspection Start/End	Inspector
Big Chico Creek					13.00	07/30/2013 07/31/2013	Matthew Hoffman

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
14		Up	Revetments		A	Inspector Comments: Riprap is visible and appears properly maintained.	39.758260 ° -121.795380 °		14
15		Up	Encroachments		A	Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.758260 ° -121.795380 °		15
16		Down	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions and vegetation. The flow is not impeded.	39.758260 ° -121.795380 °	Y	16
17		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.758260 ° -121.795380 °		17
18		Down	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	39.758260 ° -121.795380 °		18
19		Down	Revetments		A	Inspector Comments: Riprap is visible and appears properly maintained.	39.758260 ° -121.795380 °		19
20		Down	Encroachments		A	Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.758260 ° -121.795380 °		20
21	Hwy 99 Bridge	Up	Vegetation & Obstructions		A	Inspector Comments: Minimal scattered obstructions or vegetation. The flow is not impeded.	39.738490 ° -121.822810 °	Y	21
22		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	39.738490 ° -121.822810 °		22
23		Up	Erosion / Bank Caving		A	Inspector Comments: No erosion present.	39.738490 ° -121.822810 °		23
24		Up	Revetments		A	Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.	39.738490 ° -121.822810 °		24
25		Up	Encroachments		A	Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the easement.	39.738490 ° -121.822810 °		25
26		Down	Vegetation & Obstructions		A	Inspector Comments: Minimal scattered obstructions or vegetation. The flow is not impeded.	39.738490 ° -121.822810 °	Y	26

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2013

DWR Sutter Maintenance Yard

Channel					Channel Length	Inspection Start/End	Inspector
Big Chico Creek					13.00	07/30/2013 07/31/2013	Matthew Hoffman

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
27		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation present.	39.738490 ° -121.822810 °		27
28		Down	Erosion / Bank Caving		A	Inspector Comments: No erosion present.	39.738490 ° -121.822810 °		28
29		Down	Revetments		A	Inspector Comments: Existing riprap protection is properly maintained and is undamaged. Riprap clearly visible.	39.738490 ° -121.822810 °		29
30		Down	Encroachments		A	Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the easement.	39.738490 ° -121.822810 °		30
31	Esplanade	Up	Vegetation & Obstructions		A	Inspector Comments: Scattered obstructions and vegetation. The flow is not impeded.	39.731810 ° -121.841870 °	Y	31
32		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.731810 ° -121.841870 °		32
33		Up	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	39.731810 ° -121.841870 °		33
34		Up	Revetments		N	Inspector Comments: No revetments present.	39.731810 ° -121.841870 °		34
35		Up	Encroachments		A	Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.731810 ° -121.841870 °		35
36		Down	Vegetation & Obstructions		A	Inspector Comments: Scattered obstructions and vegetation. The flow is not impeded.	39.731810 ° -121.841870 °	Y	36
37		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.731810 ° -121.841870 °		37
38		Down	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	39.731810 ° -121.841870 °		38
39		Down	Revetments		N	Inspector Comments: No revetments present.	39.731810 ° -121.841870 °		39
40		Down	Encroachments		A	Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.731810 ° -121.841870 °		40

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2013

DWR Sutter Maintenance Yard

Channel					Channel Length	Inspection Start/End	Inspector
Big Chico Creek					13.00	07/30/2013 07/31/2013	Matthew Hoffman

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
41	Hwy 32	Up	Vegetation & Obstructions		A	Inspector Comments: Scattered obstructions and vegetation. The flow is not impeded.	39.725860 ° -121.851360 °	Y	41
42		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.725860 ° -121.851360 °		42
43		Up	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	39.725860 ° -121.851360 °		43
44		Up	Revetments		N	Inspector Comments: No revetments present.	39.725860 ° -121.851360 °		44
45		Up	Encroachments		A	Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.725860 ° -121.851360 °		45
46		Down	Vegetation & Obstructions		A	Inspector Comments: Moderate vegetation on north bank. The flow is not impeded.	39.725860 ° -121.851360 °	Y	46
47		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.725860 ° -121.851360 °		47
48		Down	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	39.725860 ° -121.851360 °		48
49		Down	Revetments		N	Inspector Comments: No revetments present.	39.725860 ° -121.851360 °		49
50		Down	Encroachments		A	Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.725860 ° -121.851360 °		50
51	Mud Creek at River Rd	Up	Vegetation & Obstructions		A	Inspector Comments: Scattered obstructions and vegetation. The flow is not impeded.	39.704580 ° -121.939320 °	Y	51
52		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.704580 ° -121.939320 °		52
53		Up	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	39.704580 ° -121.939320 °		53
54		Up	Revetments		M	Inspector Comments: Riprap is covered with vegetation.	39.704580 ° -121.939320 °		54

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2013

DWR Sutter Maintenance Yard

Channel					Channel Length	Inspection Start/End	Inspector
Big Chico Creek					13.00	07/30/2013 07/31/2013	Matthew Hoffman

LMR No.	Check Point	View	Item	Location *	Rating **	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
55		Up	Encroachments		A	Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.704580 ° -121.939320 °		55
56		Down	Vegetation & Obstructions		A	Inspector Comments: Scattered obstructions and vegetation. The flow is not impeded.	39.704580 ° -121.939320 °	Y	56
57		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.704580 ° -121.939320 °		57
58		Down	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	39.704580 ° -121.939320 °		58
59		Down	Revetments		A	Inspector Comments: Riprap is covered with vegetation.	39.704580 ° -121.939320 °		59
60		Down	Encroachments		A	Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.704580 ° -121.939320 °		60

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2013

DWR Sutter Maintenance Yard

Channel	Channel Length	Inspection Start/End	Inspector
Big Chico Creek	13.00	07/30/2013 07/31/2013	Matthew Hoffman

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

This is the upstream side of the structure.

mhoffman_c_20130805_080.JPG



Levee Mile Report Line	6
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

Downstream side of the structure.

mhoffman_c_20130805_081.JPG



Levee Mile Report Line	11
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

This photo is looking upstream on Manzanita Ave.

mhoffman_c_20130805_082.JPG



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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2013

DWR Sutter Maintenance Yard

Channel	Channel Length	Inspection Start/End	Inspector
Big Chico Creek	13.00	07/30/2013 07/31/2013	Matthew Hoffman

Levee Mile Report Line	16
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

This photo is looking downstream on Manzanita Ave.

mhoffman_c_20130805_083.JPG



Levee Mile Report Line	21
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

View upstream of Big Chico Creek at Highway 99.

mhoffman_c_20130805_084.JPG



Levee Mile Report Line	26
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

View downstream of Big Chico Creek at Highway 99.

mhoffman_c_20130805_085.JPG



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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2013

DWR Sutter Maintenance Yard

Channel	Channel Length	Inspection Start/End	Inspector
Big Chico Creek	13.00	07/30/2013 07/31/2013	Matthew Hoffman

Levee Mile Report Line	31
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

This photo is looking upstream from Esplanade Avenue.

mhoffman_c_20130805_086.JPG



Levee Mile Report Line	36
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

This view is looking downstream from Esplanade Avenue.

mhoffman_c_20130805_087.JPG



Levee Mile Report Line	41
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

This photo is looking upstream from Highway 32 bridge.

mhoffman_c_20130805_088.JPG



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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2013

DWR Sutter Maintenance Yard

Channel	Channel Length	Inspection Start/End	Inspector
Big Chico Creek	13.00	07/30/2013 07/31/2013	Matthew Hoffman

Levee Mile Report Line	46
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

This photo is looking downstream from Highway 32.

mhoffman_c_20130805_089.JPG



Levee Mile Report Line	51
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

This photo is looking upstream from River Road at Mud Creek, near the confluence with the Sacramento River.

mhoffman_c_20130805_090.JPG



Levee Mile Report Line	56
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

This photo is looking downstream from the River Road bridge, near the confluence of the Sacramento River.

mhoffman_c_20130805_091.JPG



*** Location**

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Flood Control Project Maintenance**Unit Cover Sheet****2013 Channel Inspection Results****DWR Sutter Maintenance Yard**

Channel
Lindo Channel & Sandy Gulch

Channel Rating	A
Date of Inspection	07/30/2013 - 07/31/2013
DWR Inspector	Matthew Hoffman
Accompanied By	

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2013

DWR Sutter Maintenance Yard

Channel					Channel Length	Inspection Start/End	Inspector
Lindo Channel & Sandy Gulch					12.00	07/30/2013 07/31/2013	Matthew Hoffman

LIR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
1	Diversion Structure	Up	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions and small trees. The flow is not impeded.	39.761590 ° -121.797320 °	Y	1
2		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.761590 ° -121.797320 °		2
3		Up	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	39.761590 ° -121.797320 °		3
4		Up	Revetments		N	Inspector Comments: This item does not apply to this inspection.	39.761590 ° -121.797320 °		4
5		Up	Encroachments		A	Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.761590 ° -121.797320 °		5
6		Down	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	39.761590 ° -121.797320 °	Y	6
7		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.761590 ° -121.797320 °		7
8		Down	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	39.761590 ° -121.797320 °		8
9		Down	Revetments		N	Inspector Comments: This item does not apply to this inspection.	39.761590 ° -121.797320 °		9
10		Down	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.761590 ° -121.797320 °		10
11	Manzanita Ave	Up	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	39.760510 ° -121.802070 °	Y	11
12		Up	Shoaling / Sedimentation		A	Inspector Comments: Minimal shoaling or sedimentation observed.	39.760510 ° -121.802070 °		12

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**Flood Control Project Maintenance
Channel Inspections**

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DWR Sutter Maintenance Yard

Channel					Channel Length	Inspection Start/End	Inspector
Lindo Channel & Sandy Gulch					12.00	07/30/2013 07/31/2013	Matthew Hoffman

LWR No.	Check Point	View	Item	Location *	Rating **	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
13		Up	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	39.760510 ° -121.802070 °		13
14		Up	Revetments		N	Inspector Comments: This item does not apply to this inspection.	39.760510 ° -121.802070 °		14
15		Up	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.760510 ° -121.802070 °		15
16		Down	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	39.760510 ° -121.802070 °	Y	16
17		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.760510 ° -121.802070 °		17
18		Down	Erosion / Bank Caving		A	Inspector Comments: Some head cutting or horizontal deviation observed due to high water in past years.	39.760510 ° -121.802070 °		18
19		Down	Revetments		N	Inspector Comments: This item does not apply to this inspection.	39.760510 ° -121.802070 °		19
20		Down	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.760510 ° -121.802070 °		20
21	Bike Path Bridge at Madrone Ave	Up	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	39.755400 ° -121.814580 °	Y	21
22		Up	Shoaling / Sedimentation		A	Inspector Comments: Minimal shoaling or sedimentation observed.	39.755400 ° -121.814580 °		22
23		Up	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	39.755400 ° -121.814580 °		23
24		Up	Revetments		A	Inspector Comments: Riprap at the foot of the bridge seems to have slid down towards the channel in previous high water events.	39.755400 ° -121.814580 °		24

*** Location**

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2013

DWR Sutter Maintenance Yard

Channel					Channel Length	Inspection Start/End	Inspector
Lindo Channel & Sandy Gulch					12.00	07/30/2013 07/31/2013	Matthew Hoffman

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
25		Up	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.755400 ° -121.814580 °		25
26		Down	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	39.755400 ° -121.814580 °	Y	26
27		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.755400 ° -121.814580 °		27
28		Down	Erosion / Bank Caving		M	Inspector Comments: There is some minor bank erosion.	39.755400 ° -121.814580 °		28
29		Down	Revetments		A	Inspector Comments: Riprap at the foot of the bridge seems to have slid down towards the channel in previous high water events.	39.755400 ° -121.814580 °		29
30		Down	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.755400 ° -121.814580 °		30
31	Mariposa Ave	Up	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	39.752730 ° -121.824560 °	Y	31
32		Up	Shoaling / Sedimentation		A	Inspector Comments: Minimal shoaling or sedimentation observed.	39.752730 ° -121.824560 °		32
33		Up	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	39.752730 ° -121.824560 °		33
34		Up	Revetments		N	Inspector Comments: This item does not apply to this inspection.	39.752730 ° -121.824560 °		34
35		Up	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.752730 ° -121.824560 °		35
36		Down	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	39.752730 ° -121.824560 °	Y	36

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected, see Inspector Comment

C : Corrected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2013

DWR Sutter Maintenance Yard

Channel					Channel Length	Inspection Start/End	Inspector
Lindo Channel & Sandy Gulch					12.00	07/30/2013 07/31/2013	Matthew Hoffman

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
37		Down	Shoaling / Sedimentation		A	Inspector Comments: Minimal shoaling or sedimentation observed.	39.752730 ° -121.824560 °		37
38		Down	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	39.752730 ° -121.824560 °		38
39		Down	Revetments		N	Inspector Comments: This item does not apply to this inspection.	39.752730 ° -121.824560 °		39
40		Down	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.752730 ° -121.824560 °		40
41	5th Ave	Up	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	39.752332 ° -121.829199 °	Y	41
42		Up	Shoaling / Sedimentation		A	Inspector Comments: Minimal shoaling or sedimentation observed.	39.752332 ° -121.829199 °		42
43		Up	Erosion / Bank Caving		M	Inspector Comments: Erosion around bridge footing and south bank of channel.	39.752332 ° -121.829199 °		43
44		Up	Revetments		A	Inspector Comments: Existing riprap protecting is properly maintained and is undamaged. Riprap clearly visible	39.752332 ° -121.829199 °		44
45		Up	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.752332 ° -121.829199 °		45
46		Down	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	39.752332 ° -121.829199 °	Y	46
47		Down	Shoaling / Sedimentation		A	Inspector Comments: Minimal shoaling or sedimentation present.	39.752332 ° -121.829199 °		47
48		Down	Erosion / Bank Caving		M	Inspector Comments: Erosion around bridge footing and south bank of channel.	39.752332 ° -121.829199 °	Y	48

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2013

DWR Sutter Maintenance Yard

Channel					Channel Length	Inspection Start/End	Inspector
Lindo Channel & Sandy Gulch					12.00	07/30/2013 07/31/2013	Matthew Hoffman

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
49		Down	Revetments		A	Inspector Comments: Existing riprapprotection is properly maintained and is undamaged. Riprap clearly visible.	39.752332 ° -121.829199 °		49
50		Down	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.752332 ° -121.829199 °		50
51	Esplanade	Up	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	39.749380 ° -121.854400 °	Y	51
52		Up	Shoaling / Sedimentation		M	Inspector Comments: Shoaling present on the upstream side underneath the bike crossing bridge.	39.749380 ° -121.854400 °		57
53		Up	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	39.749380 ° -121.854400 °		53
54		Up	Revetments		N	Inspector Comments: This item does not apply to this inspection.	39.749380 ° -121.854400 °		54
55		Up	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.749380 ° -121.854400 °		55
56		Down	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions or vegetation. The flow is not impeded.	39.749380 ° -121.854400 °	Y	56
57		Down	Shoaling / Sedimentation		A	Inspector Comments: Minimal shoaling and sedimentation present.	39.749380 ° -121.854400 °		52
58		Down	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed both there are cracks in the south wing wall.	39.749380 ° -121.854400 °		58
59		Down	Revetments		N	Inspector Comments: This item does not apply to this inspection.	39.749380 ° -121.854400 °		59
60		Down	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.749380 ° -121.854400 °		60

*** Location**

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2013

DWR Sutter Maintenance Yard

Channel					Channel Length	Inspection Start/End	Inspector
Lindo Channel & Sandy Gulch					12.00	07/30/2013 07/31/2013	Matthew Hoffman

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
61	Hwy 32	Up	Vegetation & Obstructions		A	Inspector Comments: Vegetation exists but does not impede the flow.	39.741190 ° -121.881380 °	Y	61
62		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.741190 ° -121.881380 °		62
63		Up	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	39.741190 ° -121.881380 °		63
64		Up	Revetments		A	Inspector Comments: Revetment is present but due to vegetation not all of it is visible.	39.741190 ° -121.881380 °		64
65		Up	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.741190 ° -121.881380 °		65
66		Down	Vegetation & Obstructions		A	Inspector Comments: Vegetation exists but does not impede the flow.	39.741190 ° -121.881380 °	Y	66
67		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.741190 ° -121.881380 °		67
68		Down	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	39.741190 ° -121.881380 °		68
69		Down	Revetments		A	Inspector Comments: Revetment is present but due to vegetation not all of it is visible.	39.741190 ° -121.881380 °		69
70		Down	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.741190 ° -121.881380 °		70
71	Oak Ave.	Up	Vegetation & Obstructions		A	Inspector Comments: Scattered obstructions and vegetation.	39.735560 ° -121.890970 °	Y	71
72		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.735560 ° -121.890970 °		72

*** Location**

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2013

DWR Sutter Maintenance Yard

Channel					Channel Length	Inspection Start/End	Inspector
Lindo Channel & Sandy Gulch					12.00	07/30/2013 07/31/2013	Matthew Hoffman

LIR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
73		Up	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	39.735560 ° -121.890970 °		73
74		Up	Revetments		N	Inspector Comments: No revetments present.	39.735560 ° -121.890970 °		74
75		Up	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.735560 ° -121.890970 °		75
76		Down	Vegetation & Obstructions		A	Inspector Comments: scattered obstructions and vegetation.	39.735560 ° -121.890970 °	Y	76
77		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.735560 ° -121.890970 °		77
78		Down	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	39.735560 ° -121.890970 °		78
79		Down	Revetments		N	Inspector Comments: No revetments present.	39.735560 ° -121.890970 °		79
80		Down	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.735560 ° -121.890970 °		80
81	Grape Way	Up	Vegetation & Obstructions		A	Inspector Comments: Scattered obstructions and vegetation.	39.722700 ° -121.912520 °	Y	81
82		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.722700 ° -121.912520 °		82
83		Up	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	39.722700 ° -121.912520 °		83
84		Up	Revetments		A	Inspector Comments: Revetments are in place and maintained	39.722700 ° -121.912520 °		84
85		Up	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.722700 ° -121.912520 °		85

*** Location**

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2013

DWR Sutter Maintenance Yard

Channel					Channel Length	Inspection Start/End	Inspector
Lindo Channel & Sandy Gulch					12.00	07/30/2013 07/31/2013	Matthew Hoffman

LMR No.	Check Point	View	Item	Location *	Rating **	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
86		Down	Vegetation & Obstructions		A	Inspector Comments: Scattered obstructions and vegetation.	39.722700 ° -121.912520 °	Y	86
87		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.722700 ° -121.912520 °		87
88		Down	Erosion / Bank Caving		A	Inspector Comments: No head cutting or horizontal deviation observed.	39.722700 ° -121.912520 °		88
89		Down	Revetments		A	Inspector Comments: Revetments are in place and maintained	39.722700 ° -121.912520 °		89
90		Down	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.722700 ° -121.912520 °		90

*** Location**

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N : Not Inspected, see Inspector Comment
C : Corrected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2013

DWR Sutter Maintenance Yard

Channel	Channel Length	Inspection Start/End	Inspector
Lindo Channel & Sandy Gulch	12.00	07/30/2013 07/31/2013	Matthew Hoffman

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

This is a view of the upstream side of the Lindo Control Structure.

mhoffman_c_20130805_092.JPG



Levee Mile Report Line	6
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

This view is of the downstream side of the control structure.

mhoffman_c_20130805_093.JPG



Levee Mile Report Line	11
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

This view is looking upstream from Manzanita Avenue.

mhoffman_c_20130805_094.JPG



*** Location**

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WS : Water Side
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N : Not Inspected, see Inspector Comment

C : Corrected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2013

DWR Sutter Maintenance Yard

Channel	Channel Length	Inspection Start/End	Inspector
Lindo Channel & Sandy Gulch	12.00	07/30/2013 07/31/2013	Matthew Hoffman

Levee Mile Report Line	16
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

This view is looking downstream from Manzanita Ave.

mhoffman_c_20130805_095.JPG



Levee Mile Report Line	21
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

This view is looking up stream from the bike path bridge at the extension of Madrone Avenue.

mhoffman_c_20130807_096.JPG



Levee Mile Report Line	26
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

This photo is looking downstream from the bike path at the extension of Madrone Avenue.

mhoffman_c_20130807_097.JPG



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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U : Unacceptable

PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected, see Inspector Comment

C : Corrected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2013

DWR Sutter Maintenance Yard

Channel	Channel Length	Inspection Start/End	Inspector
Lindo Channel & Sandy Gulch	12.00	07/30/2013 07/31/2013	Matthew Hoffman

Levee Mile Report Line	31
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

This view is looking upstream from the bridge at Mariposa Avenue.

mhoffman_c_20130807_098.JPG



Levee Mile Report Line	36
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

This photo is looking downstream from the Mariposa Avenue bridge.

mhoffman_c_20130807_099.JPG



Levee Mile Report Line	41
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

This photo is looking upstream from 5th Ave.

mhoffman_c_20130807_100.JPG



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected, see Inspector Comment

C : Corrected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2013

DWR Sutter Maintenance Yard

Channel	Channel Length	Inspection Start/End	Inspector
Lindo Channel & Sandy Gulch	12.00	07/30/2013 07/31/2013	Matthew Hoffman

Levee Mile Report Line	46
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

This photo is looking downstream from 5th Ave.

mhoffman_c_20130807_101.JPG



Levee Mile Report Line	48
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Erosion / Bank Caving

Erosion around bridge footing and south bank of channel.

mhoffman_c_20130807_102.JPG



Levee Mile Report Line	48
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Erosion / Bank Caving

Erosion around bridge footing and south bank of channel.

mhoffman_c_20130807_103.JPG



*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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C : Corrected

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2013

DWR Sutter Maintenance Yard

Channel	Channel Length	Inspection Start/End	Inspector
Lindo Channel & Sandy Gulch	12.00	07/30/2013 07/31/2013	Matthew Hoffman

Levee Mile Report Line	51
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
This view is looking upstream from Esplanade Avenue bridge.	
mhoffman_c_20130807_104.JPG	



Levee Mile Report Line	51
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Concrete cracking on south side wing wall upstream of Esplanade Ave.	
mhoffman_c_20130807_105.JPG	



Levee Mile Report Line	56
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Concrete cracking on south side wing wall downstream of Esplanade Ave.	
mhoffman_c_20130807_106.JPG	

*** Location**

LS : Land Side
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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2013

DWR Sutter Maintenance Yard

Channel	Channel Length	Inspection Start/End	Inspector
Lindo Channel & Sandy Gulch	12.00	07/30/2013 07/31/2013	Matthew Hoffman

Levee Mile Report Line	56
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>This photo is looking downstream from Esplanade Avenue bridge.</p> <p>mhoffman_c_20130807_107.JPG</p>	



Levee Mile Report Line	61
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>This view is looking upstream from the Highway 32, Nord Avenue bridge.</p> <p>mhoffman_c_20130807_108.JPG</p>	



Levee Mile Report Line	66
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
<p>This photo is looking downstream from Highway 32, Nord Avenue bridge.</p> <p>mhoffman_c_20130807_109.JPG</p>	

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2013

DWR Sutter Maintenance Yard

Channel	Channel Length	Inspection Start/End	Inspector
Lindo Channel & Sandy Gulch	12.00	07/30/2013 07/31/2013	Matthew Hoffman

Levee Mile Report Line	71
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

This photo is looking upstream from Oak Ave. bridge.

mhoffman_c_20130807_110.JPG



Levee Mile Report Line	76
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

This photo is looking downstream from Oak Ave. bridge.

mhoffman_c_20130807_111.JPG



Levee Mile Report Line	81
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

This photo is looking upstream at the channel from the Grape Way bridge.

mhoffman_c_20130807_112.JPG



*** Location**

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2013

DWR Sutter Maintenance Yard

Channel	Channel Length	Inspection Start/End	Inspector
Lindo Channel & Sandy Gulch	12.00	07/30/2013 07/31/2013	Matthew Hoffman

Levee Mile Report Line	86
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

This view is looking downstream at the channel at the Grape Way bridge.

mhoffman_c_20130807_113.JPG



*** Location**

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WS : Water Side
CR : Crown

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Flood Control Project Maintenance**Unit Cover Sheet****2013 Channel Inspection Results****DWR Sutter Maintenance Yard**

Channel
Little Chico Creek

Channel Rating	A
Date of Inspection	07/30/2013 - 08/01/2013
DWR Inspector	Matthew Hoffman
Accompanied By	

**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2013

DWR Sutter Maintenance Yard

Channel					Channel Length	Inspection Start/End	Inspector
Little Chico Creek					8.00	07/30/2013 08/01/2013	Matthew Hoffman

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
1	Little Chico Ck Control Structure	Up	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions and vegetation. The flow is not impeded.	39.733890 ° -121.771940 °	Y	1
2		Up	Shoaling / Sedimentation		A	Inspector Comments: There is shoaling and sedimentation, the flow is not impeded.	39.733890 ° -121.771940 °		2
3		Up	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	39.733890 ° -121.771940 °		3
4		Up	Revetments		A	Inspector Comments: Unwanted vegetation needs to be removed.	39.733890 ° -121.771940 °		4
5		Up	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.733890 ° -121.771940 °		5
6		Down	Vegetation & Obstructions		A	Inspector Comments: Scattered obstructions and vegetation. The flow is not impeded. Willow trees should be removed in the future.	39.733890 ° -121.771940 °	Y	6
7		Down	Shoaling / Sedimentation		A	Inspector Comments: There is shoaling and sedimentation, the flow is not impeded.	39.733890 ° -121.771940 °		7
8		Down	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	39.733890 ° -121.771940 °		8
9		Down	Revetments		A	Inspector Comments: Unwanted vegetation needs to be removed.	39.733890 ° -121.771940 °		9
10		Down	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.733890 ° -121.771940 °		10
11	Bruce Rd	Up	Vegetation & Obstructions		M	Inspector Comments: The vegetation obstructed the view of the channel. Flow may be impeded in high water.	39.733020 ° -121.787580 °	Y	11
12		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed. The vegetation in the channel obstructed the view.	39.733020 ° -121.787580 °		12

*** Location**

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CR : Crown

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**Flood Control Project Maintenance
Channel Inspections**

Channel Inspection Report By Check Point and View Direction - 2013

DWR Sutter Maintenance Yard

Channel					Channel Length	Inspection Start/End	Inspector
Little Chico Creek					8.00	07/30/2013 08/01/2013	Matthew Hoffman

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
13		Up	Erosion / Bank Caving		A	Inspector Comments: No erosion observed. Vegetation obstructed the view.	39.733020 ° -121.787580 °		13
14		Up	Revetments		N	Inspector Comments: No revetments present.	39.733020 ° -121.787580 °		14
15		Up	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions observed within the project easement area. The vegetation obstructed the view.	39.733020 ° -121.787580 °		15
16		Down	Vegetation & Obstructions		M	Inspector Comments: The vegetation obstructed the view of the channel. Flow may be impeded in high water.	39.733020 ° -121.787580 °	Y	16
17		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed. The vegetation in the channel obstructed the view.	39.733020 ° -121.787580 °		17
18		Down	Erosion / Bank Caving		A	Inspector Comments: No erosion observed. Vegetation obstructed the view.	39.733020 ° -121.787580 °		18
19		Down	Revetments		N	Inspector Comments: No revetments present.	39.733020 ° -121.787580 °		19
20		Down	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions observed within the project easement area. The vegetation obstructed the view.	39.733020 ° -121.787580 °		20
21	Forest Ave	Up	Vegetation & Obstructions		A	Inspector Comments: Minimal, scattered obstructions and vegetation. The flow does not appear impeded.	39.737400 ° -121.804530 °	Y	21
22		Up	Shoaling / Sedimentation		A	Inspector Comments: Shoaling or sedimentation present, the flow does not appear impeded.	39.737400 ° -121.804530 °		22
23		Up	Erosion / Bank Caving		A	Inspector Comments: Moderate erosion on north bank.	39.737400 ° -121.804530 °		23
24		Up	Revetments		N	Inspector Comments: No revetments present.	39.737400 ° -121.804530 °		24
25		Up	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.737400 ° -121.804530 °		25

*** Location**

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WS : Water Side
CR : Crown

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LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
26		Down	Vegetation & Obstructions		A	Inspector Comments: Moderate vegetation observed. Flow may be obstructed in high water.	39.737400 ° -121.804530 °	Y	26
27		Down	Shoaling / Sedimentation		A	Inspector Comments: Shoaling or sedimentation present, the flow does not appear impeded.	39.737400 ° -121.804530 °		27
28		Down	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	39.737400 ° -121.804530 °		28
29		Down	Revetments		N	Inspector Comments: No revetments present.	39.737400 ° -121.804530 °		29
30		Down	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.737400 ° -121.804530 °		30
31	Repair site upstream of Hwy 99	Up	Vegetation & Obstructions		A	Inspector Comments: Scattered vegetation. The flow does not appear impeded.	39.735670 ° -121.814510 °	Y	31
32		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.735670 ° -121.814510 °		32
33		Up	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	39.735670 ° -121.814510 °		33
34		Up	Revetments		A	Inspector Comments: Riprap is visible and appears properly maintained.	39.735670 ° -121.814510 °		34
35		Up	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.735670 ° -121.814510 °		35
36		Down	Vegetation & Obstructions		M	Inspector Comments: There is vegetation in the channel, the flow may be impeded in high water.	39.735670 ° -121.814510 °	Y	36
37		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.735670 ° -121.814510 °		37
38		Down	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	39.735670 ° -121.814510 °		38

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LMR No.	Check Point	View	Item	Location *	Rating **	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
39		Down	Revetments		A	Inspector Comments: Riprap is visible and appears properly maintained.	39.735670 ° -121.814510 °		39
40		Down	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.735670 ° -121.814510 °		40
41	Boucher St	Up	Vegetation & Obstructions		M	Inspector Comments: There is vegetation in the channel and overhanging the channel, the flow does not appear impeded.	39.730240 ° -121.823800 °	Y	41
42		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.730240 ° -121.823800 °		42
43		Up	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	39.730240 ° -121.823800 °		43
44		Up	Revetments		N	Inspector Comments: There was no riprap observed at this site.	39.730240 ° -121.823800 °		44
45		Up	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.730240 ° -121.823800 °		45
46		Down	Vegetation & Obstructions		M	Inspector Comments: There is vegetation in the channel, overhanging the channel, and around the flow does not appear impeded.	39.730240 ° -121.823800 °	Y	46
47		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.730240 ° -121.823800 °		47
48		Down	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	39.730240 ° -121.823800 °		48
49		Down	Revetments		N	Inspector Comments: No riprap observed of this site.	39.730240 ° -121.823800 °		49
50		Down	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.730240 ° -121.823800 °		50

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DWR Sutter Maintenance Yard

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Little Chico Creek					8.00	07/30/2013 08/01/2013	Matthew Hoffman

LMR No.	Check Point	View	Item	Location *	Rating **	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
51	Olive St	Up	Vegetation & Obstructions		A	Inspector Comments: There is vegetation in the channel, it does not appear to impeded the flow.	39.726800 ° -121.829870 °	Y	51
52		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.726800 ° -121.829870 °		52
53		Up	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	39.726800 ° -121.829870 °		53
54		Up	Revetments		N	Inspector Comments: No riprap observed at this site.	39.726800 ° -121.829870 °		54
55		Up	Encroachments		A	Inspector Comments: No Trash, debris, excavation, structures, or other obstructions present within the project easement area.	39.726800 ° -121.829870 °		55
56		Down	Vegetation & Obstructions		A	Inspector Comments: There is vegetation in the channel, the flow does not appear impeded.	39.726800 ° -121.829870 °	Y	56
57		Down	Shoaling / Sedimentation		A	Inspector Comments: There is minimal sedimentation in the channel, the flow does not appear impeded.	39.726800 ° -121.829870 °		57
58		Down	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	39.726800 ° -121.829870 °		58
59		Down	Revetments		N	Inspector Comments: No riprap observed at this site.	39.726800 ° -121.829870 °		59
60		Down	Encroachments		A	Inspector Comments: There is a structure on the right bank of the channel, no permit found.	39.726800 ° -121.829870 °		60
61	Broadway St	Up	Vegetation & Obstructions		A	Inspector Comments: There is vegetation in the channel, the flow does not appear impeded.	39.724840 ° -121.833520 °	Y	61
62		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling or sedimentation observed.	39.724840 ° -121.833520 °		62
63		Up	Erosion / Bank Caving		A	Inspector Comments: No erosion observed.	39.724840 ° -121.833520 °		63
64		Up	Revetments		N	Inspector Comments: No riprap observed.	39.724840 ° -121.833520 °		64

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Channel Inspection Report By Check Point and View Direction - 2013

DWR Sutter Maintenance Yard

Channel					Channel Length	Inspection Start/End	Inspector
Little Chico Creek					8.00	07/30/2013 08/01/2013	Matthew Hoffman

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
65		Up	Encroachments		A	Inspector Comments: No encroachments observed at this site.	39.724840 ° -121.833520 °		65
66		Down	Vegetation & Obstructions		A	Inspector Comments: There is vegetation in the channel, the flow does not appear impeded.	39.724840 ° -121.833520 °	Y	66
67		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling observed at this site.	39.724840 ° -121.833520 °		67
68		Down	Erosion / Bank Caving		A	Inspector Comments: No erosion observed at this site.	39.724840 ° -121.833520 °		68
69		Down	Revetments		N	Inspector Comments: No riprap observed at this site.	39.724840 ° -121.833520 °		69
70		Down	Encroachments		A	Inspector Comments: No trash, debris, excavation, structures, or other obstructions present within the easement.	39.724840 ° -121.833520 °		70
71	Lone Pine St	Up	Vegetation & Obstructions		A	Inspector Comments: There is vegetation in the channel, the flow does not appear impeded.	39.703260 ° -121.868470 °	Y	71
72		Up	Shoaling / Sedimentation		A	Inspector Comments: No shoaling observed at this site.	39.703260 ° -121.868470 °		72
73		Up	Erosion / Bank Caving		A	Inspector Comments: No erosion observed at this site.	39.703260 ° -121.868470 °		73
74		Up	Revetments		N	Inspector Comments: No riprap observed at this site.	39.703260 ° -121.868470 °		74
75		Up	Encroachments		A	Inspector Comments: No encroachments observed at this site.	39.703260 ° -121.868470 °		75
76		Down	Vegetation & Obstructions		A	Inspector Comments: There is vegetation in the channel, the flow does not appear impeded.	39.703260 ° -121.868470 °	Y	76
77		Down	Shoaling / Sedimentation		A	Inspector Comments: No shoaling observed at this site.	39.703260 ° -121.868470 °		77
78		Down	Erosion / Bank Caving		A	Inspector Comments: No erosion observed at this site.	39.703260 ° -121.868470 °		78
79		Down	Revetments		N	Inspector Comments: No riprap observed at this site.	39.703260 ° -121.868470 °		79

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LMR No.	Check Point	View	Item	Location *	Rating **	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
80		Down	Encroachments		A	Inspector Comments: No encroachments observed at this site.	39.703260 ° -121.868470 °		80

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Little Chico Creek	8.00	07/30/2013 08/01/2013	Matthew Hoffman

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

This is the upstream side at the Little Chico Control Structure.

mhoffman_c_20130805_064.JPG



Levee Mile Report Line	6
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

This photo is looking downstream from the control structure.

mhoffman_c_20130805_065.JPG



Levee Mile Report Line	11
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

This photo is looking upstream from Bruce Road bridge.

mhoffman_c_20130805_066.JPG



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Little Chico Creek	8.00	07/30/2013 08/01/2013	Matthew Hoffman

Levee Mile Report Line	16
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

This photo is looking downstream from Bruce Road bridge.

mhoffman_c_20130805_067.JPG



Levee Mile Report Line	21
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

This photo is looking upstream from Forest Avenue bridge.

mhoffman_c_20130805_068.JPG



Levee Mile Report Line	26
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

This photo is looking downstream from Forest Avenue bridge.

mhoffman_c_20130805_069.JPG



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Levee Mile Report Line	31
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

This photo is looking upstream at the erosion repair site, up stream from Highway 99 on Humboldt Road. There is vegetation in the channel, the flow in the channel does not appear to be impeded.

mhoffman_c_20130805_070.JPG



Levee Mile Report Line	36
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

This photo is looking downstream at the erosion repair site, down stream of Highway 99 on Humboldt Road. There is vegetation in the channel, the flow does not appear impeded.

mhoffman_c_20130805_071.JPG



Levee Mile Report Line	41
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

This photo is looking upstream from Boucher Street bridge.

mhoffman_c_20130805_072.JPG



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Levee Mile Report Line	46
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

This photo is looking downstream from Boucher Street bridge.

mhoffman_c_20130805_073.JPG



Levee Mile Report Line	51
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

This photo is looking upstream from Olive Street bridge.

mhoffman_c_20130805_074.JPG



Levee Mile Report Line	56
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

This photo is looking downstream from the Olive Street bridge.

mhoffman_c_20130805_075.JPG



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Levee Mile Report Line	61
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

This photo is looking upstream from the Broadway St. bridge.

mhoffman_c_20130805_076.JPG



Levee Mile Report Line	66
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

This photo is looking downstream from Broadway St. bridge.

mhoffman_c_20130805_077.JPG



Levee Mile Report Line	71
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

This photo is looking upstream from Lone Pine Avenue.

mhoffman_c_20130805_078.JPG



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Levee Mile Report Line	76
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

This photo is looking down stream from Lone Pine Avenue.

mhoffman_c_20130805_079.JPG



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